



Automatización Eléctrica
Especialistas en Automatización

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Input module - UM-2KS50/DI16/RS/K-MT/SO241 - 2319618

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16-channel digital input module with screw connection and integrated knife disconnect function. Redundant voltage supply. Suitable for Yokogawa SDV 144 card.



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 447140

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	181 mm
Height	126 mm
Depth	97 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
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General

Note	Voltage monitoring on the module does not work in combination with upstream HESILED fuse terminal blocks with integrated LED display.
Max. perm. operating voltage	30 V DC
Max. perm. current (per branch)	100 mA
Max. permissible current (separate power supply)	2 A (P1+, P2+) plug-in fuse (IEC 127-2, TR5, 2A)
Number of positions	50
Mounting position	any
Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178

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Technical data

General

Rated surge voltage	basic insulation
Degree of pollution	2
Overvoltage category	III

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12
Number of positions	32

Connection data for connection 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible
Torque	0.5 Nm
Number of connections	2
Number of positions	50

Connection data for connection 3

Connection name	Supply
Connection method	Screw connection
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Supported controller

Controller	YOKOGAWA ProSafe-RS
- suitable I/O card	SDV144

Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Degree of pollution	2
Overvoltage category	III

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313

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Classifications

eCl@ss

eCl@ss 6.0	27242608
eCl@ss 7.0	27242608
eCl@ss 8.0	27141152

ETIM

ETIM 3.0	EC001604
ETIM 4.0	EC001437
ETIM 5.0	EC002780

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421

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Product	Code	Reference	Product link
16-channel digital input module with screw connection and integrated knife disconnect function. Redundant voltage supply. Suitable for Yokogawa SDV 144 card.	2319618	UM-2KS50/DI16/ RS/K-MT/SO241	Buy on EAN